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Wattenberg Disposal, LLC
10137 Weld County Road 19
Ft. Lupton, CO 80621

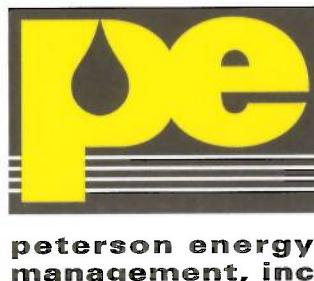
Suckla Farms Injection Well #1
Section 10-T1N-R67W
Weld County, Colorado

EPA Permit No. CO10938-02115

Pressure Falloff Test
April 21, 2005 to April 28, 2005

U2 Entered
Date 11/7/2005
Initial ZOF

Report Prepared By:
Peterson Energy Management, Inc.



**peterson energy
management, inc.**

June 5, 2005

Mr. Kent Gilbert
Wattenberg Disposal, LLC
1675 Broadway, Suite 2800
Denver, CO 80202

U2 Filtered

Date 11/7/05
Initial ZGP

RE: Suckla Farms #1
EPA Class I Permit CO10938-02115
April, 2005 Falloff Test Interpretation

Dear Kent:

In this report we detail the results of the pressure falloff test conducted in the subject well April 21st to April 28th, 2005. This is the sixth pressure falloff test we have analyzed in this well since 1993. This report follows the layout and methodology contained in the EPA Region 6 UIC Pressure Falloff Testing Guideline, Third Revision, August 8, 2002.

We appreciate the opportunity to be of service. Please contact us if we may answer any questions.

Sincerely,

PETERSON ENERGY MANAGEMENT, INC

A handwritten signature in blue ink that reads "Andrew S. Peterson".

Andrew S. Peterson, PE
President

/attachments

petroleum engineering

1) Company Name & Address

Wattenberg Disposal, LLC
1675 Broadway, Suite 2800
Denver, Colorado 80202

2) Test Well Name & Location

Suckla Farms Injection Well #1
NW/4 Section 10-T1N-R67W
Weld County, Colorado

3) Facility Contact Person

Kent Gilbert 303-825-4822

Report Prepared by:
Andy Peterson 970-669-7411
Peterson Energy Management, Inc.
1805 Morning Drive, Loveland CO 80538

4) Openhole Log

See attached Dual Induction Log run 07/02/89
Lyons Sandstone injection zone

5) Well Schematic

See attached well schematic diagram

Wellbore radius: 0.328'
Completed interval depths: Lyons injection perforations 9276'-9418'
Type of completion: cased & cemented, injection under a packer set at 9040'
via 2 7/8" fiber-lined tubing

6) Date of Fill Depth

Current fill depth is 9476', recorded in March, 2003.

7) Offset well information

The nearest well completed in the Lyons formation is the Wattenberg SWD #1, NWSW Section 19-2N-66W, operated by Kerr-McGee RMC. This well is approximately 4½ miles to the north-east. No interference between these two wells is assumed to occur for purposes of this analysis.

8) Chronological Listing of Daily Testing Activities

Company has been injecting water into the subject well during daylight hours for five to six days per week for the past year. Injection averages 800 bbls per day.

04/19/05 12:00 Intermittent daylight injection stopped, well shut in
04/21/05 09:01 Tandem gauges installed at 9039' WLM
04/22/05 08:00 Injection began at 79 BWPH
04/23/05 08:00 Injection stopped, 1903 BW injected
04/28/05 08:19 Gauges off bottom (SI 120.2 hrs), ran gradient on trip out

9) Electronic Submission of Raw Data

Attached CD contains a zip file of raw time-pressure-temperature data (at packer depth).

10) Tabular Summary of Injection Rates

Tabular summary of injection rates for the month preceding the falloff test is attached. A rate vs. time plot for the previous month is included with this report. This data is also included in a file on the attached CD, which has pressure data converted to perforation midpoint.

11) Offset Well Rate Information

As discussed above, no offset well rate information is considered to be useful in this test analysis.

12) Hard Copy of Time and Pressure Data

A tabular summary (filtered to every 10th point) of raw time, pressure & temperature data is attached, along with a tabular summary of rate, time & pressure data converted to perforation midpoint.

13) Pressure Gauge Information

Top Gauge: 5000 psi Well Watchers HT electronic memory gauge SN5337, installed at 9038.5' WLM.

Pressure accuracy 0.05% (+/- 2.50 psi)

Pressure resolution 0.0003% of full scale (+/- 0.015 psi).

Last calibration 12/16/03, max error 2.16 psi, 0.43° F

Bottom Gauge: 5000 psi Well Watchers HT electronic memory gauge SN5340, installed at 9039.0' WLM.
Pressure accuracy 0.05% (+/-2.50 psi)
Pressure resolution 0.0003% of full scale (+/- 0.015 psi).
Last calibration 12/16/03, max error 1.63 psi, 0.62° F

Calibration certificates for both gauges are attached.

Gauges supplied by Lightning Wireline (970-785-2670)

14) General Test Information

Date of test: Injection commenced April 22, 2005, ceased April 23, 2005.
Bottom hole pressure monitored from April 21, 2005 to April 28, 2005.
Rate/Time information plotted from March 1, 2005 to April 28, 2005

Time synchronization: see attached data files.

Location of shut-in valve: well was shut in at the wellhead

15) Reservoir Parameters

Water viscosity (μ): 0.251 cp (correlation)
Porosity (ϕ): 6% Density Log porosity (measured)
Total Compressibility (ct): 9.36e-06 (correlation)
Formation Volume Factor: 1.055 (correlation)

Initial Formation Reservoir Pressure: From reservoir modeling as discussed below, p^* is approximately 3647 psia at perforation midpoint.
This is 212 psi below the p^* estimated from the last pressure falloff test run in April, 2004. The difference is attributed to the difficulty in extrapolating the radial pressure falloff curve when no straight-line portion exists.

Final injection pressure is approximately 4336 psi, 17 psi below the 24-hour injection pressure on the February, 2004, pressure falloff test.

A summary of historical estimated Initial Formation Reservoir Pressure (p^*) values at 9347' perforation mid-point using a 0.442 psi/ft hydrostatic gradient follows:

July, 1993 4417 psia, unreliable
(23 hour shut in, surface gauges, no radial flow)

November, 1997 3590 psia

October, 2001	3760 psia
February, 2003	3830 psia(re-analysis of 2003 test)
April, 2004	3859 psia(radial plot, multi-layer synthesis)
April, 2005	3647 psia (radial plot, multi-layer synthesis)

Date Reservoir Pressure was last stabilized: Stabilization likely occurred during a workover in March, 2003, 25 months prior to this test. The 68 hour shut in period preceding the current test was not enough to see stabilization, as pressure was falling at the rate of 0.40 psi/hr at the start of injection.

Justified Interval Thickness: Tracer survey run 7/12/93 & temperature logs run 11/01/01 indicate entire 142' perforated interval is taking fluid. Wireline 1/8/03 & during 3/03 workover shows all perforations open.

We should note that modeling of the current test (as discussed below in Section 20) achieves best results using a thin (25'), low perm, high negative-skin zone, combined with a thicker (50'), higher perm, low negative-skin zone. This would indicate that the entire 142' interval may not be taking fluid. Considering that the Lyons is thought to have a certain amount of natural fracturing, it is reasonable to assume that the entire exposed formation is not taking fluid at the same rate.

16) Waste Plume

Cumulative injection volume into completed interval: 4,382,829 bbls as of March 31, 2005 at 11:59 PM.

This volume was arrived at by using injection volumes supplied by the Colorado Oil & Gas Conservation Commission through December, 1997, and injection volumes supplied by the operator from January, 1998, through March, 2005.

Calculated radial distance to the waste front: We are unable to calculate a distance to the waste front as there is no contrast between historic waste plume viscosity and formation fluid viscosity.

Average historical waste fluid viscosity: To our knowledge, no direct viscosity measurements have been taken. Waste plume viscosity is assumed to be the same as formation fluid viscosity. Essentially all of the waste injected into the Suckla Farms #1 has been oilfield produced water, which will not have a significant contrast to the Lyons formation water.

17) Injection Period

Time: 8:00 AM 4/22/2005 to 8:00 AM 4/23/2005, 1903 bbls

Type fluid: oilfield brine/produced water

Pump Type: Water plant injection pump

Rate Meter: Halliburton digital turbine meter. SWD tanks were strapped before & after to confirm volume.

Final injection pressure, surface: unknown

Final injection pressure, at 9347' mid-perf: 4336.26 psia

Final Injection Temperature, at 9039' gauge depth: 122.66° F

18) Falloff Period

Total shut-in time: 8:00 AM 4/23/05 to 8:19 AM 4/28/05, 120.2 hours

Final shut-in pressure & temperature, at 9347' mid-perf:
3947.39 psig, 242.0° F.

Time well went on vacuum: approximately 6:45 PM 4/23/05, 10.75 hours into shut in period (based on BHP & assumed hydrostatic gradient, no surface gauges were installed as previous tests had also gone on vacuum)

19) Pressure Gradient

A static gradient was run on April 28, 2005 at the conclusion of the test. Static fluid level was found at 140' from surface. A tabular and graphical summary of the gradient is included with this report.

20-21) Calculated Test Data and Corresponding Graphs

Please see attached graphs of the current test:

Data Chart (Rate & Pressure vs Time, Cartesian plot)

Derivative Analysis - Falloff

Derivative Analysis - Injection

Multi-Layer Cylinder Model

The Cartesian plot shows bottomhole injection pressure had not stabilized after the 24 hour injection period. Injection pressure was still rising at the rate of +/-0.50 psi/hr. No pressure anomalies due to gauge temperature de-

stabilization are evident during the test. Data quality appears good. Pressure change during later test times are 0.014 psi per time step (1/2 minute). Gauge resolution (0.015 psi) is barely adequate for the observed pressure change.

The Injection Log-Log Derivative plot shows one short radial flow period. The value obtained from the radial flow period is as follows:
 $k = 5.150 \text{ md}$, $s = -1.876$

The Falloff Log-Log Derivative plot shows that radial flow was not reached during the falloff test period, confirmed by the lack of a meaningful horizontal straight-line region on the plot. As noted in the 2003 and 2004 test reports, a linear flow regime, indicating a fractured reservoir, appears to dominate flow on the Derivative plot, as confirmed by the straight-line $\frac{1}{2}$ slope relationship observed. No permeability or skin factor numbers were calculated from this plot due to lack of a radial flow region.

The Semilog Falloff plot does not show any straight-line region, indicating radial flow is not achieved. If we use the permeability obtained from the injection period derivative analysis, we can calculate a radius of investigation from the falloff test as follows:

Radius of investigation = 2152'

Radius of Investigation equation: $r = \sqrt{(k t / 948 \phi \mu c t)}$, for $t = 120.2 \text{ hrs}$, with other parameters as defined above

Once again this year, we obtain our best match from modeling the test as a multi-layer reservoir. The best iterative fit assumes a 50' layer with 2.40 md permeability and -0.557 skin, and a second 25' layer with 0.31 md permeability and -9.126 skin. The Multi-Layer Cylinder plots show an excellent match in the falloff region and a fair match in the injection region. The synthetic log-log type curve generated using these parameters matches the observed falloff data almost exactly. Average least-squares fit error from the synthesis pressure match is 0.04%. We should note however, that this is not an exclusive solution. It is likely that a number of non-exclusive solutions with different layer characteristics are possible.

Reservoir parameters obtained from the Multi-Layer Cylinder model are as follows:

$P^* = 3647 \text{ psia}$

$k_1 = 2.40 \text{ md}$, $h_1 = 50'$

$kh/\mu_1 = 478.09 \text{ md-ft/cp}$

$s_1 = -0.557$

$k_2 = 0.313 \text{ md}$, $h_2 = 25'$

$kh/\mu_2 = 31.2 \text{ md-ft/cp}$

$s_2 = -9.126$

Radius of investigation calculations are as follows:

For the 50' layer assuming above parameters and 120.2 hrs test time:

$$R_i = 1469'$$

For the 25' layer assuming above parameters and 120.2 hrs test time:

$$R_i = 530'$$

Assuming arithmetic weighted average permeability of 1.36 md, the radius of investigation is 1106 feet.

Radius of Investigation equation: $r = \sqrt{(k t / 948 \phi \mu c t)}$ with parameters defined previously

Due to the variable rate conditions reported prior to this test, the plots in this report use a superposition time function. EPA Region VI guidelines recommend using a rate history of at least twice the length of the falloff test. Rate information for 50 days preceding the falloff test was used to generate the superposition. This is ten times the duration of the falloff test. Plots were generated using the F.A.S.T. WellTest v5.087 software package available from Fekete Associates, Inc., Calgary, Alberta, Canada.

22) Comparison with Petition Demonstration

Condition #5 on Page 12 in Permit # CO10938-02115 stipulates an upper limit of 8,300,000 barrels of injected waste. This corresponds with a waste front of 1,320', assuming piston displacement. The current volume of 4,382,829 barrels injected corresponds to a waste front of 959', assuming an injection interval of 142'. While the effective injection interval may be less than 142', the additional fracture porosity postulated in this and previous reports makes the 959' a conservative estimate of the radial front of the waste plume. If fractures exist, which we feel this report demonstrates, then the reservoir must contain additional storage in the fracture system, in addition to the 6% matrix porosity. This will have the effect of increasing the effective porosity, which decreases the distance to the waste front for any assumed injection volume or effective zone height.

Equation:

$$r = \sqrt{5.615 V / (\pi h \phi)}$$

where $V = 4,382,829$ bbls, $h = 142'$, $\phi = 0.06$

It is our opinion that the current test design is adequate to investigate this reservoir, given the constraints of daylight-only injection operations and

available water storage. We recommend that subsequent tests follow this same design, which has now been used for two consecutive annual tests.

At some future date, if the operator is able to schedule a longer shut in period that coincides with planned maintenance work on the surface facilities, it would be beneficial to see how a longer shut in period affects the test results.

23) Radioactive Tracer Survey

A radioactive tracer was not run during this test. The last radioactive tracer survey run in the Suckla Farms #1 was done in July, 1993.

24) Unusual Permit Approval Conditions

We are not aware of any unusual permit approval conditions.

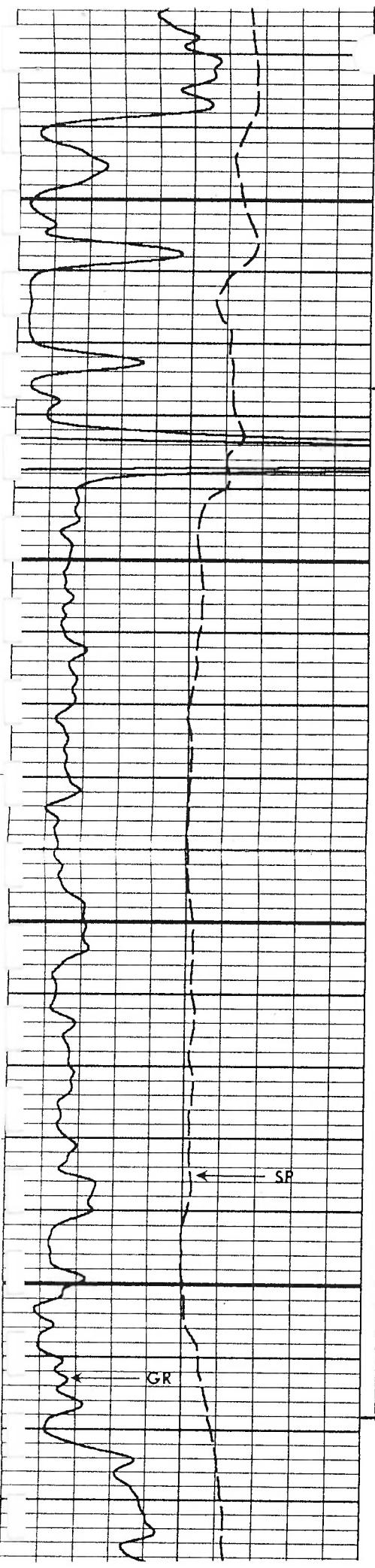
Report prepared for Wattenberg Disposal, LLC. by

PETERSON ENERGY MANAGEMENT, INC



Andrew S. Peterson, P.E.
June 05, 2005

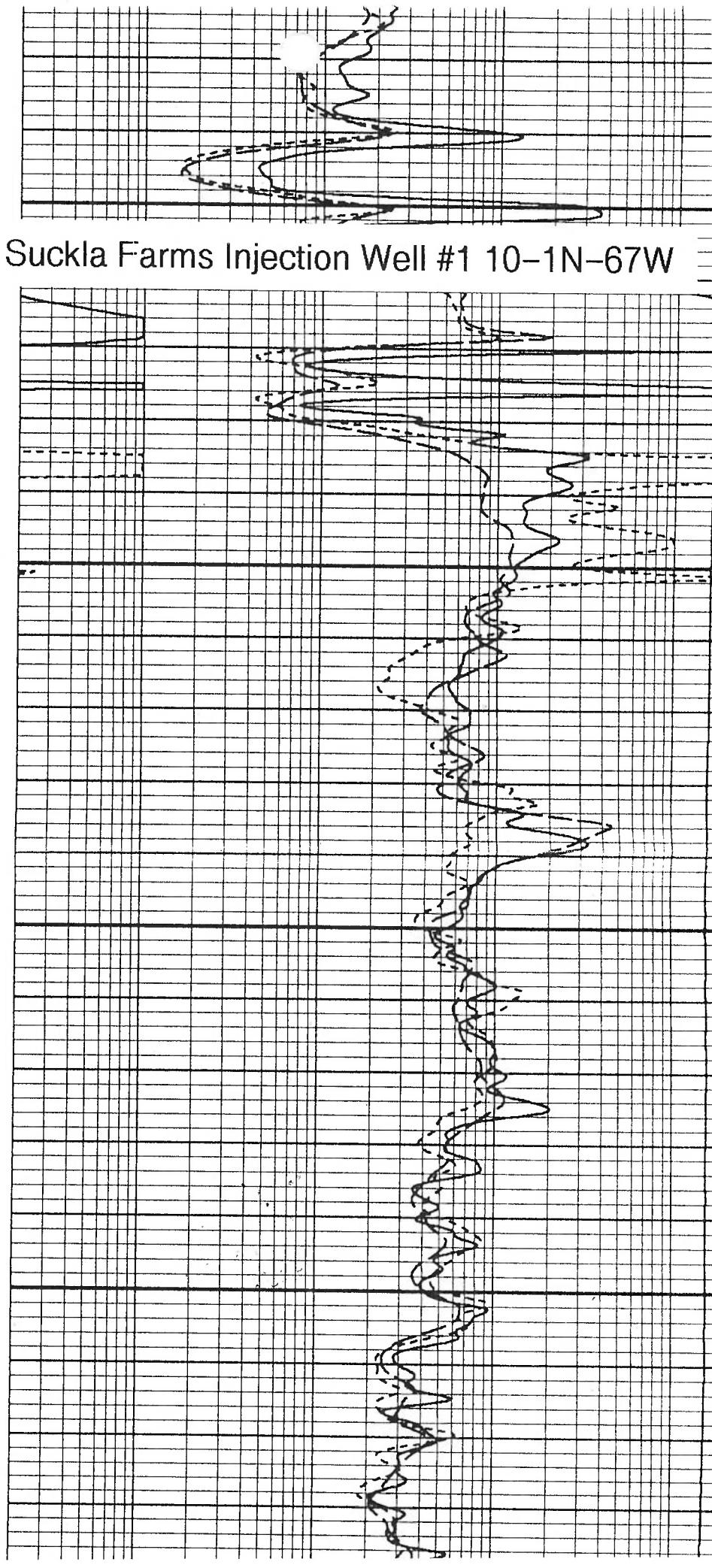
Reference: EPA Region VI UIC Pressure Falloff Testing Guideline, Third Revision, August 8, 2002



09300

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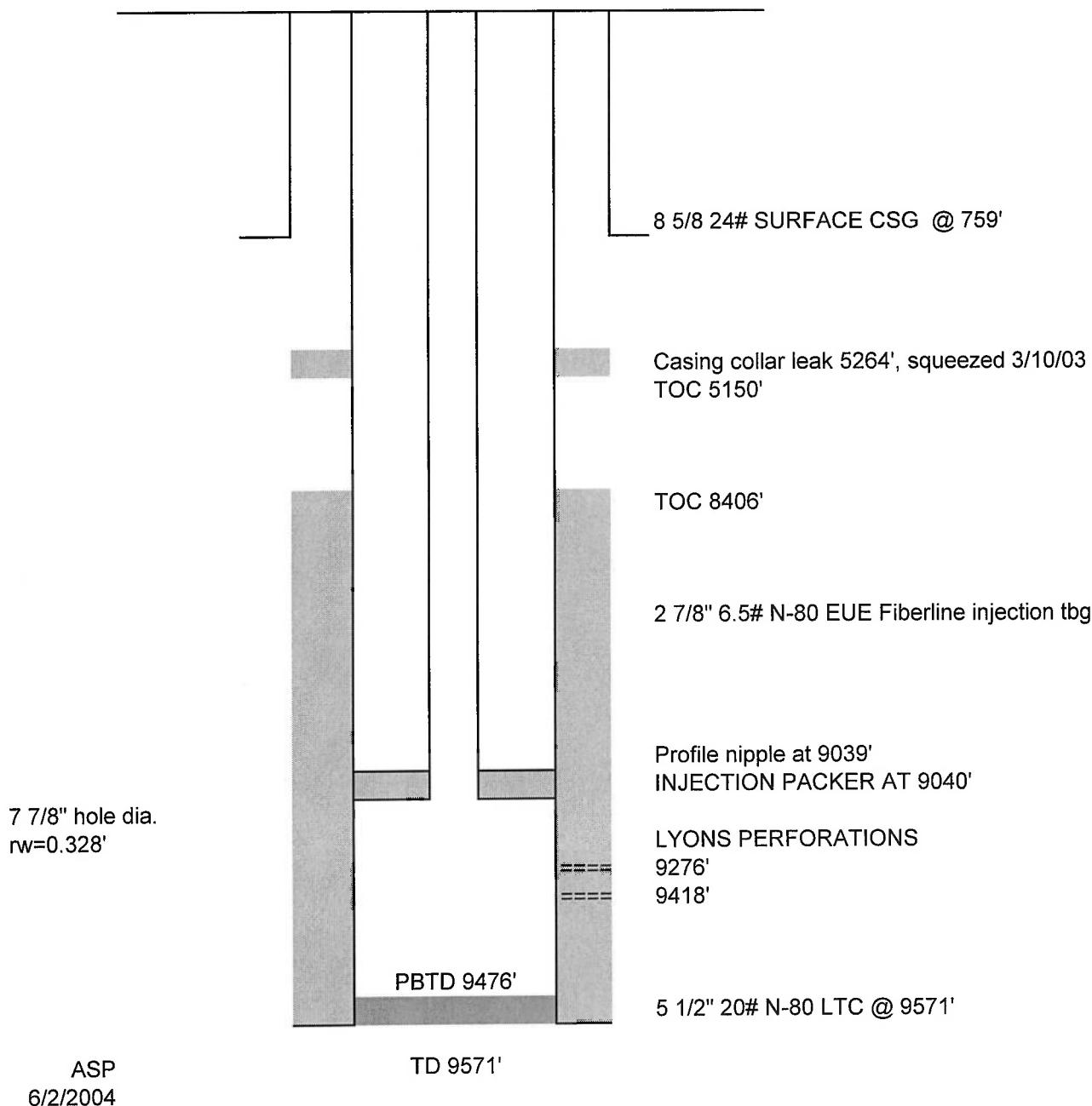
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Suckla Farms Injection Well #1 10-1N-67W

WELLBORE SCHEMATIC

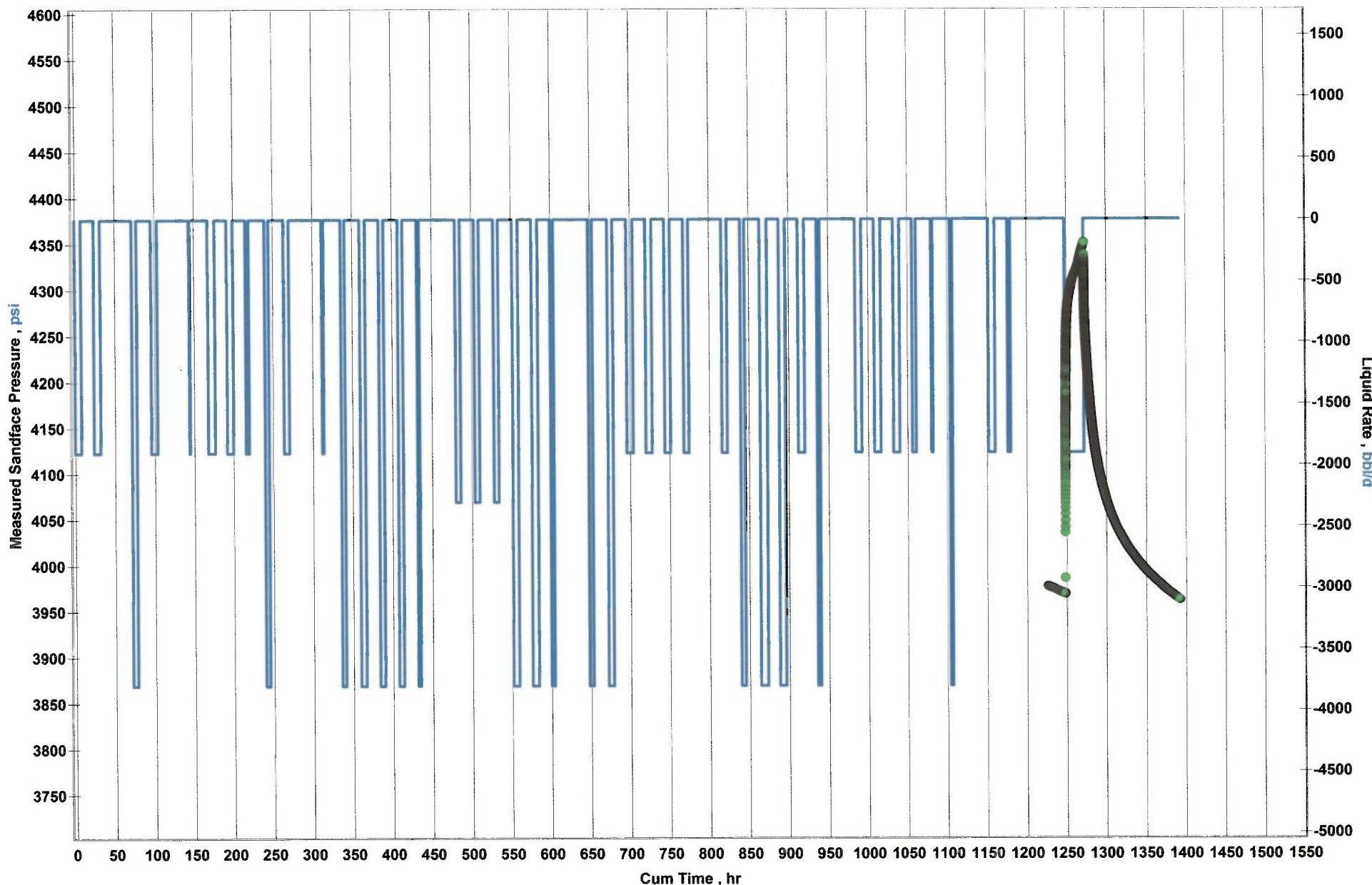
WATTENBERG DISPOSAL
SUCKLA FARMS INJECTION WELL #1
NW/4 SECTION 10-1N-67W
WELD COUNTY, CO
05-123-14291



ASP
6/2/2004

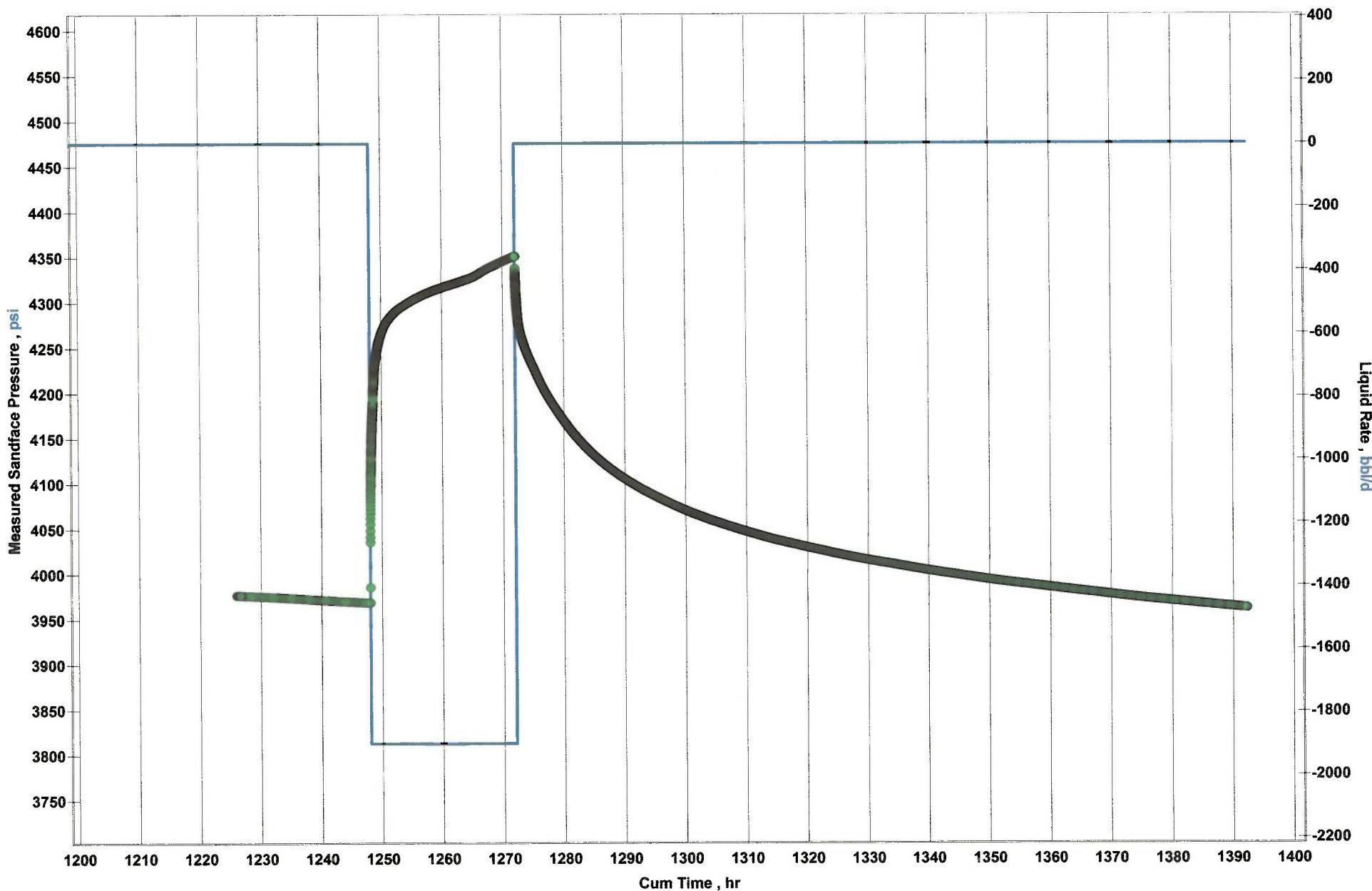
Suckla Farms Injection Well #1
EPA Region VII Permit #CO10938-02115
Pressure Falloff Test 4/21/05-4/28/05

Data Chart

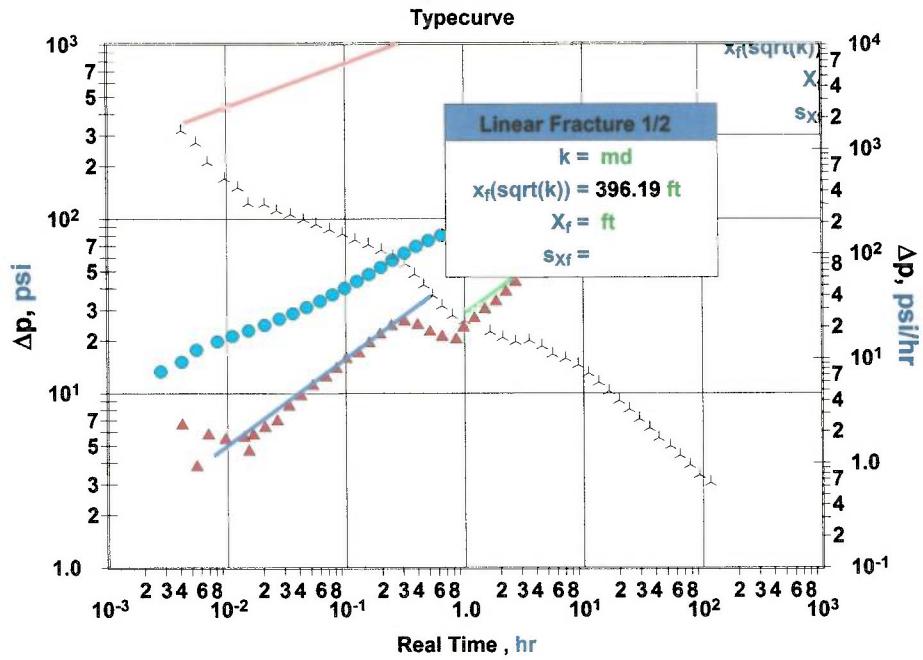


Suckla Farms Injection Well #1
EPA Region VII Permit #CO10938-02115
Pressure Falloff Test 4/21/05-4/28/05

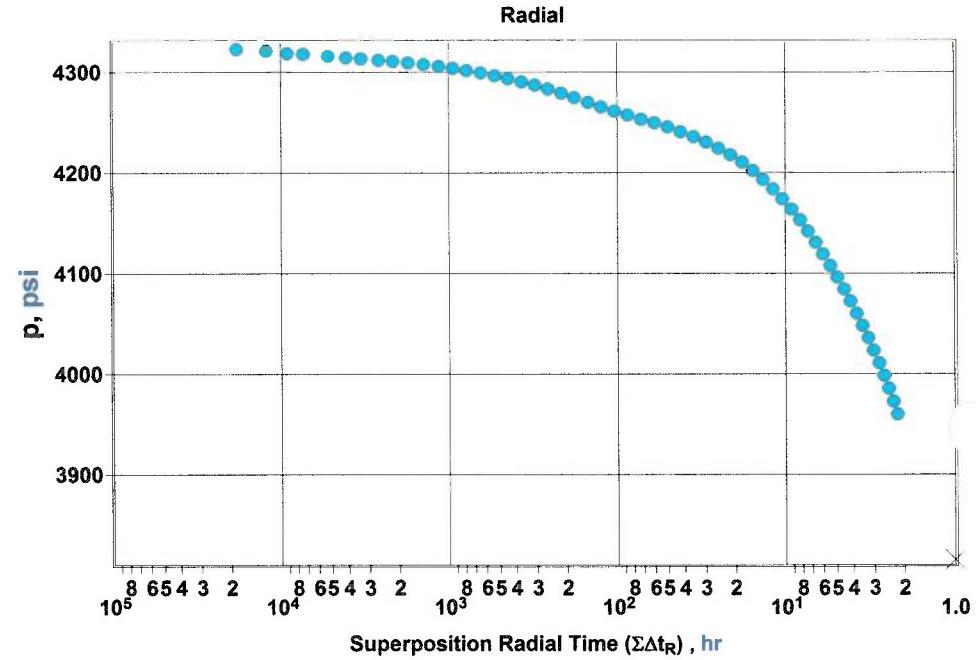
Zoomed Data Chart



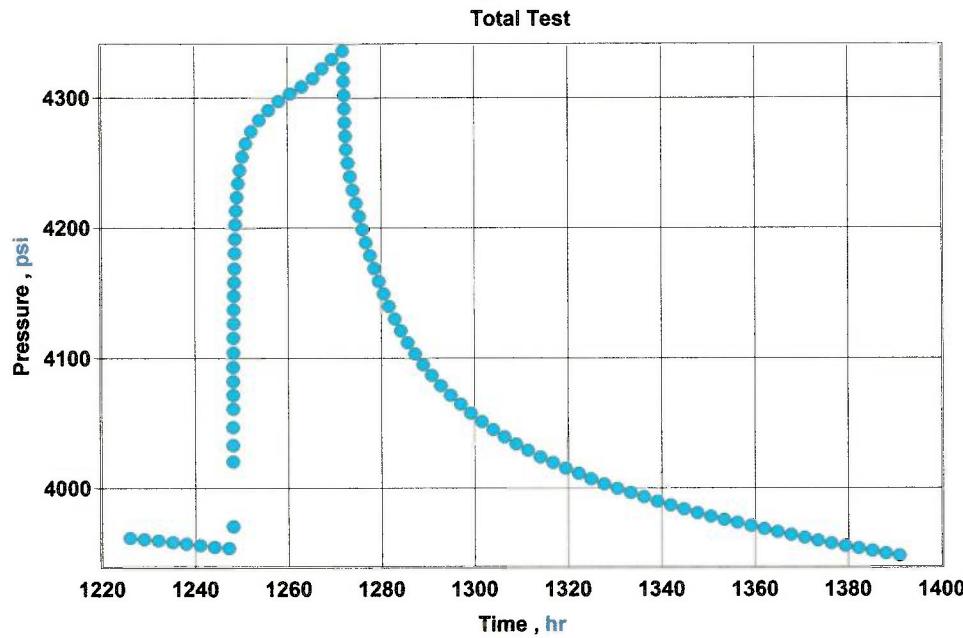
Derivative Analysis - Falloff Portion



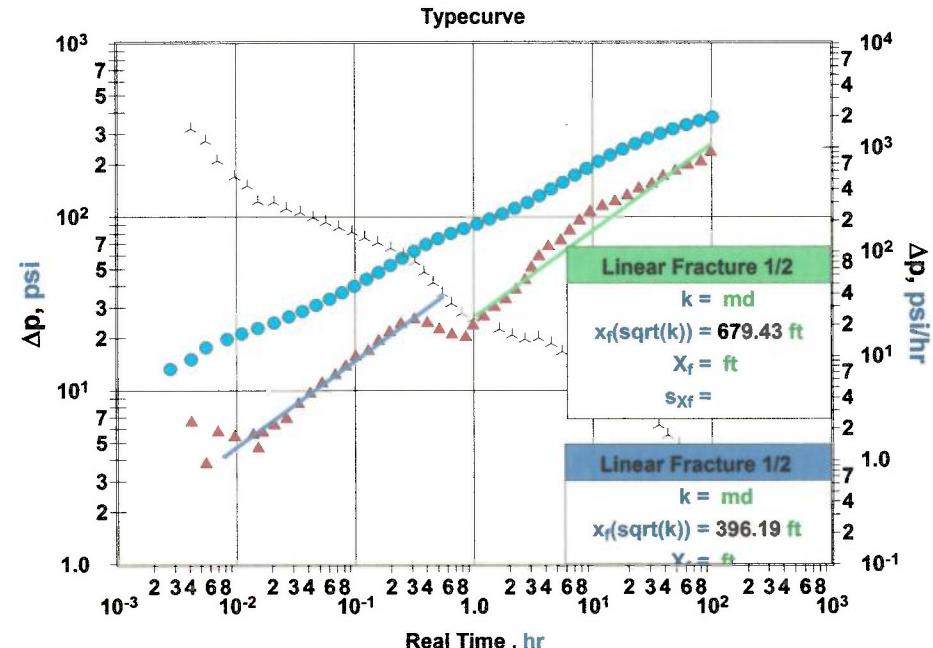
Derivative Analysis - Falloff Portion



Derivative Analysis - Falloff Portion

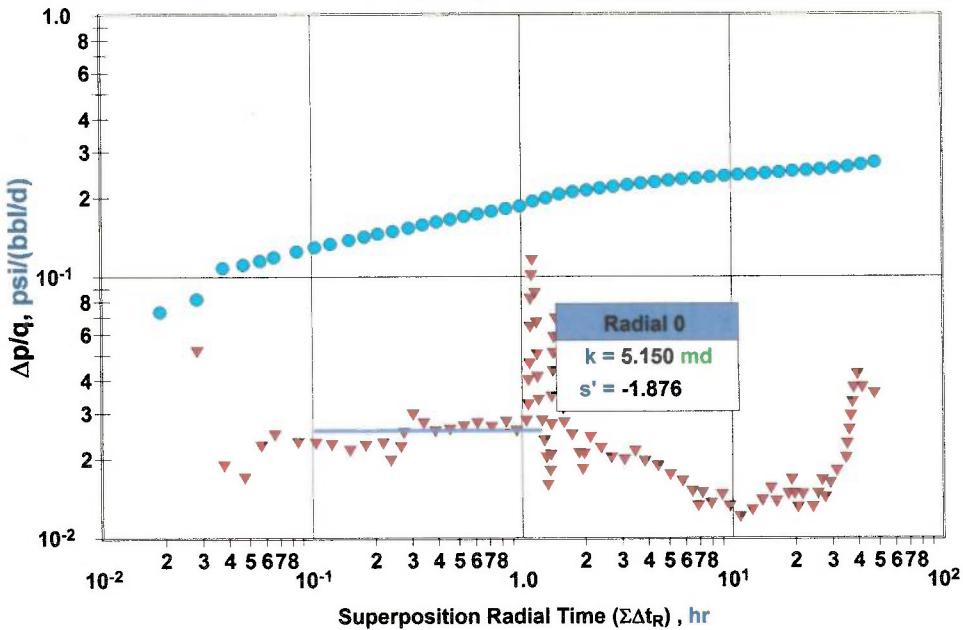


Derivative Analysis - Falloff Portion

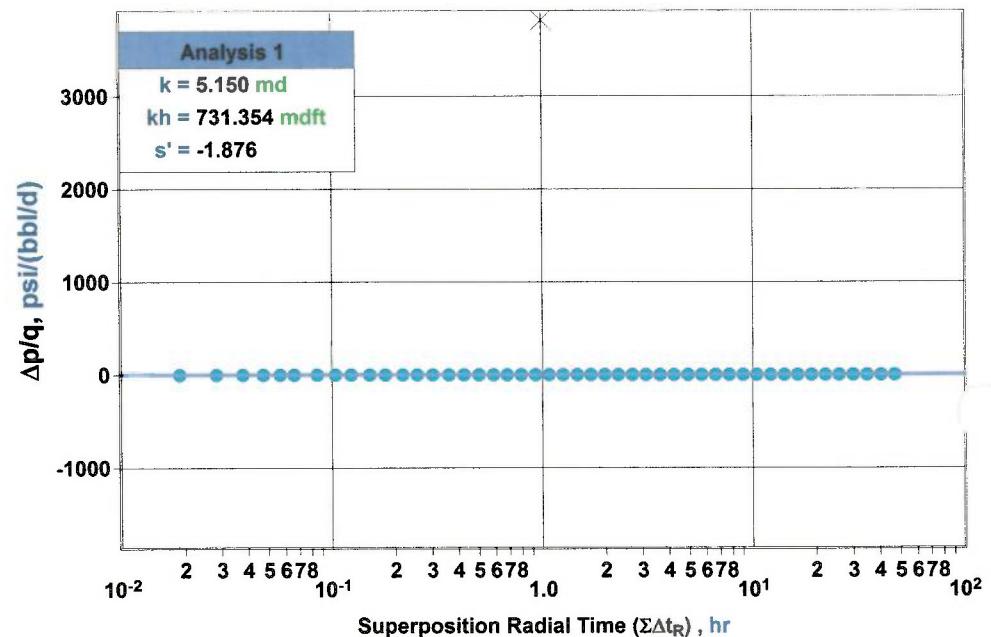


Diagnostic Analysis 5

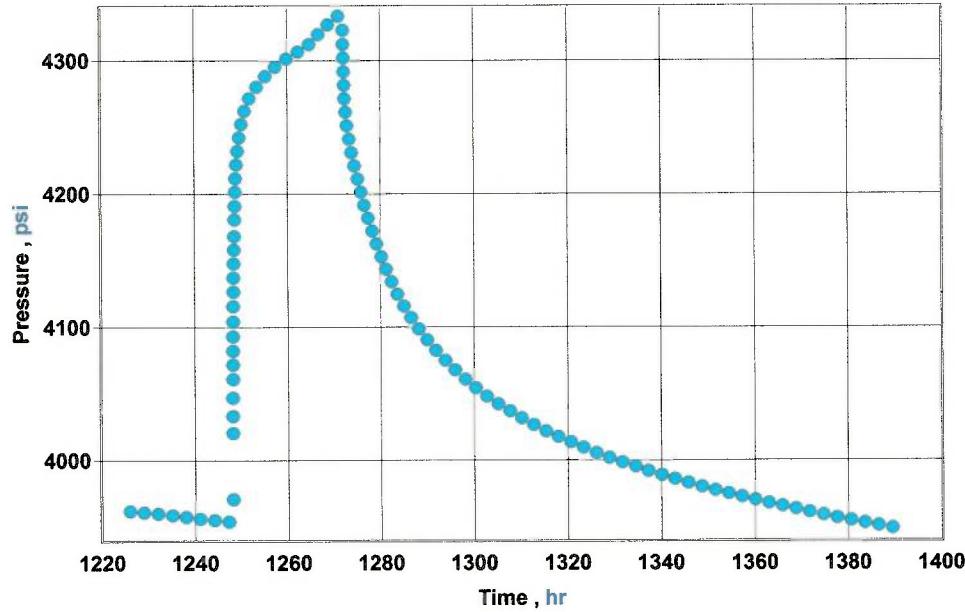
Typecurve



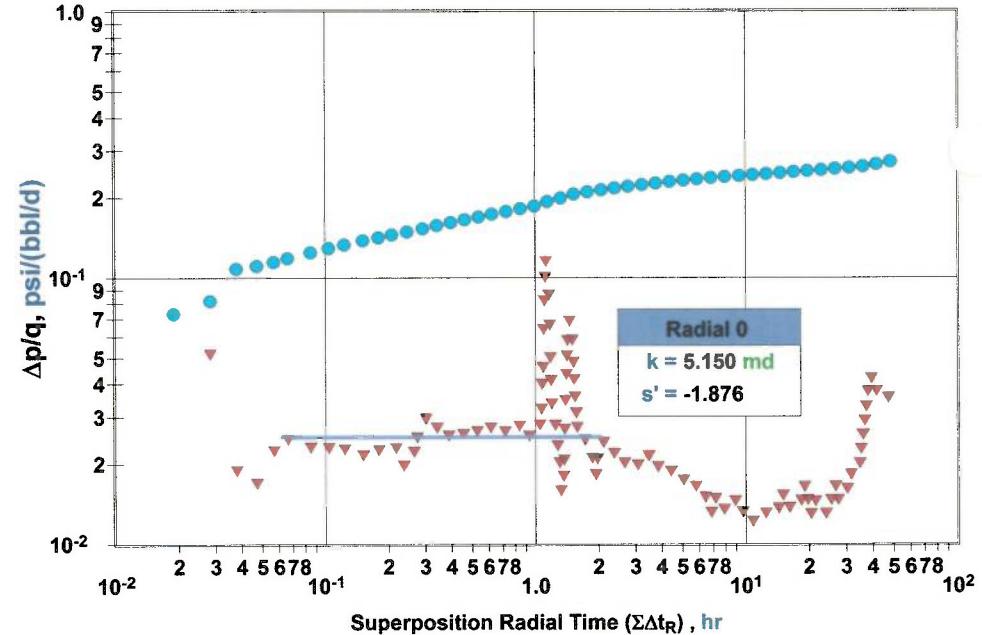
Derivative Analysis - Injection Portion Radial



Derivative Analysis - Injection Portion Total Test

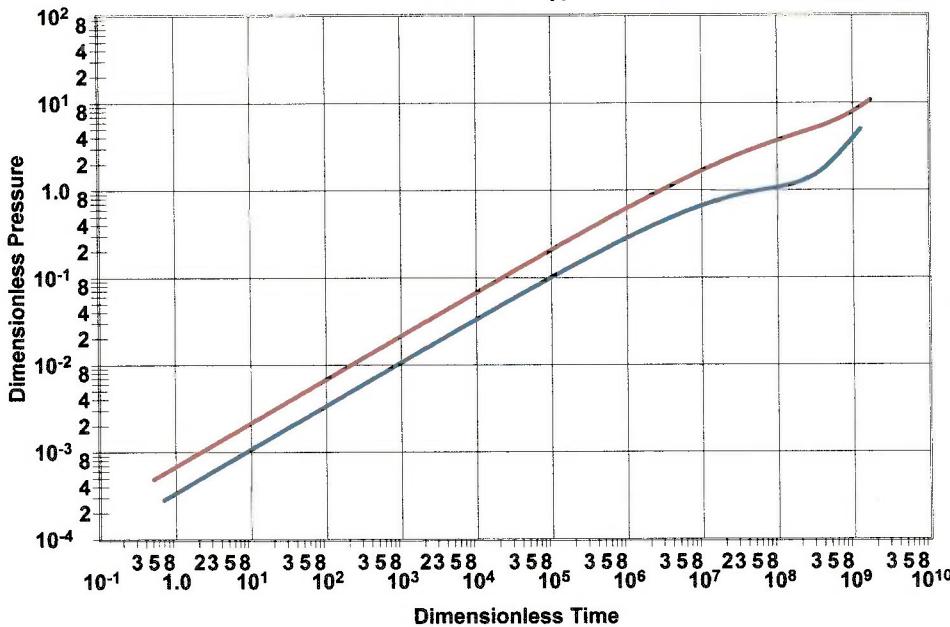


Derivative Analysis - Injection Portion Typecurve



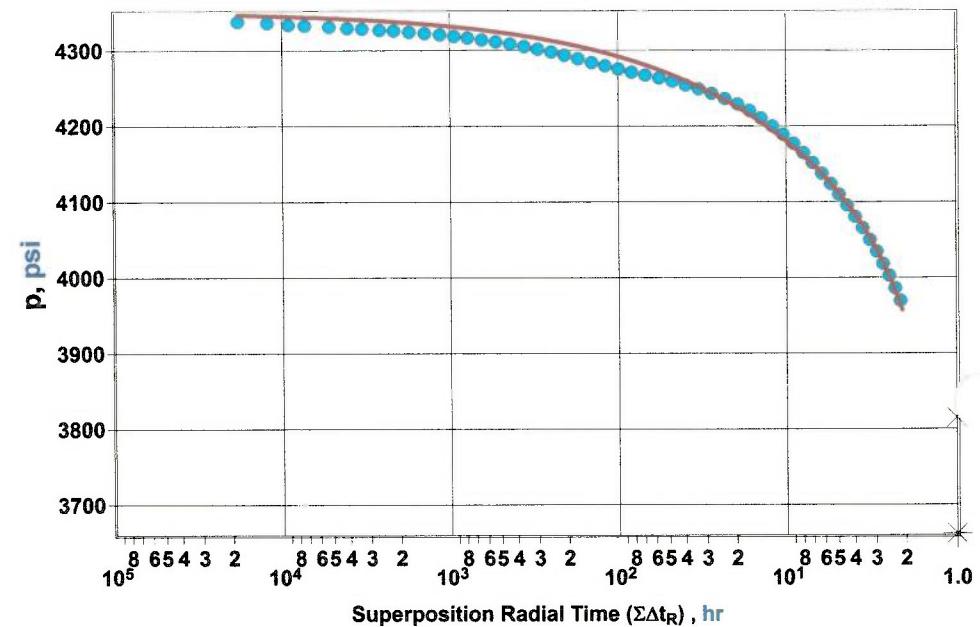
Multi-Layer Cylinder Model

Dimensionless Typecurve



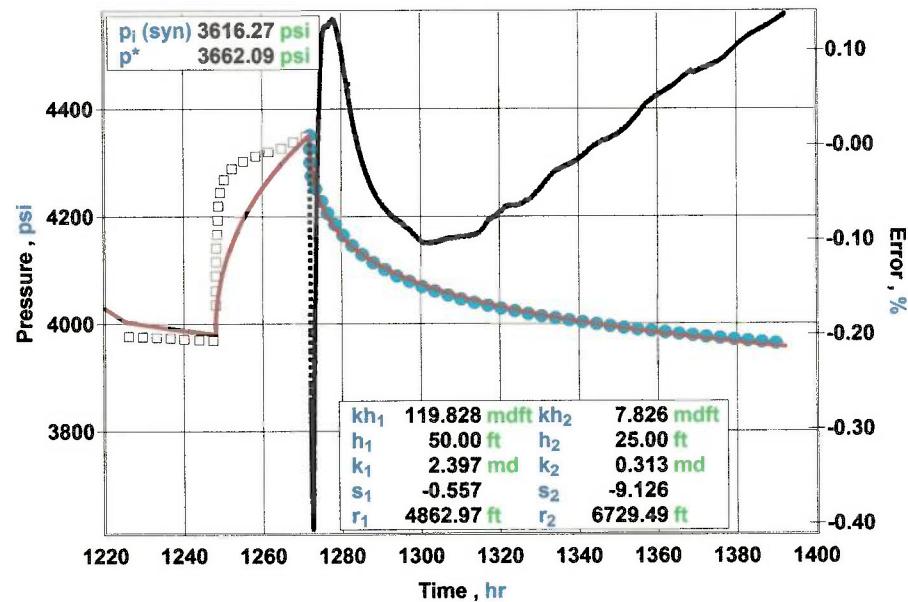
Multi-Layer Cylinder Model

Radial



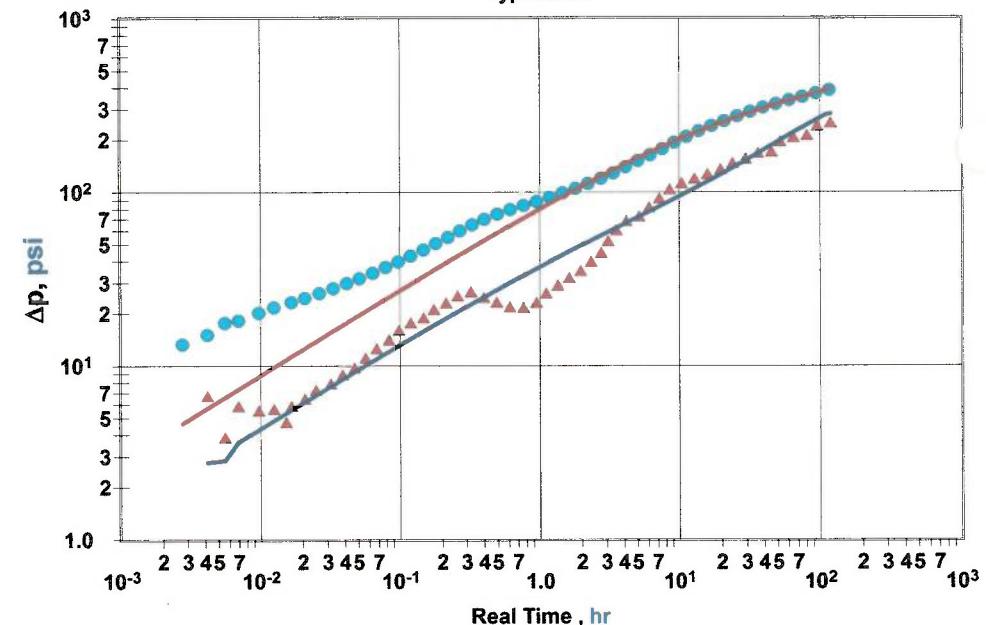
Multi-Layer Cylinder Model

Total Test



Multi-Layer Cylinder Model

Typecurve



Production Data

Item	Date Clock Time	Time	Cum. Time	Measured Sandface Pressure	Gas Rate	Oil Rate	Water Rate
	yyyy/mm/dd hh:mm:ss	hr	hr	psi	MMcfd	bbl/d	bbl/d
1	005/03/01 08:00:0	0.0000	0.0000		0.000	0.00	0.00
2	005/03/01 16:00:0	8.0000	8.0000			-1900.00	0.00
3	005/03/02 08:00:0	24.0000	24.0000			0.00	-1900.00
4	005/03/02 16:00:0	32.0000	32.0000			0.00	-1900.00
5	005/03/04 08:00:0	72.0000	72.0000			0.00	-3800.00
6	005/03/04 14:00:0	78.0000	78.0000			0.00	-1900.00
7	005/03/05 08:00:0	96.0000	96.0000			0.00	-1900.00
8	005/03/05 16:00:0	104.0000	104.0000			0.00	-1900.00
9	005/03/07 08:00:0	144.0000	144.0000			0.00	-1900.00
10	005/03/07 09:00:0	145.0000	145.0000			0.00	-1900.00
11	005/03/08 08:00:0	168.0000	168.0000			0.00	-1900.00
12	005/03/08 16:30:0	176.5000	176.5000			0.00	-1900.00
13	005/03/09 08:00:0	192.0000	192.0000			0.00	-1900.00
14	005/03/09 16:00:0	200.0000	200.0000			0.00	-1900.00
15	005/03/10 08:00:0	216.0000	216.0000			0.00	-1900.00
16	005/03/10 12:00:0	220.0000	220.0000			0.00	-1900.00
17	005/03/11 08:00:0	240.0000	240.0000			0.00	-3800.00
18	005/03/11 13:00:0	245.0000	245.0000			0.00	-1900.00
19	005/03/12 08:00:0	264.0000	264.0000			0.00	-1900.00
20	005/03/12 14:30:0	270.5000	270.5000			0.00	-1900.00
21	005/03/14 08:00:0	312.0000	312.0000			0.00	-1900.00
22	005/03/14 10:00:0	314.0000	314.0000			0.00	-1900.00
23	005/03/15 08:00:0	336.0000	336.0000			0.00	-3800.00
24	005/03/15 13:00:0	341.0000	341.0000			0.00	-3800.00
25	005/03/16 08:00:0	360.0000	360.0000			0.00	-3800.00
26	005/03/16 14:30:0	366.5000	366.5000			0.00	-3800.00
27	005/03/17 08:00:0	384.0000	384.0000			0.00	-3800.00
28	005/03/17 14:00:0	390.0000	390.0000			0.00	-3800.00
29	005/03/18 08:00:0	408.0000	408.0000			0.00	-3800.00
30	005/03/18 14:00:0	414.0000	414.0000			0.00	-3800.00
31	005/03/19 08:00:0	432.0000	432.0000			0.00	-3800.00
32	005/03/19 11:00:0	435.0000	435.0000			0.00	-3800.00
33	005/03/21 08:00:0	480.0000	480.0000			0.00	-2300.00
34	005/03/21 14:00:0	486.0000	486.0000			0.00	-2300.00
35	005/03/22 08:00:0	504.0000	504.0000			0.00	-2300.00
36	005/03/22 14:00:0	510.0000	510.0000			0.00	-2300.00
37	005/03/23 08:00:0	528.0000	528.0000			0.00	-2300.00
38	005/03/23 14:00:0	534.0000	534.0000			0.00	-2300.00
39	005/03/24 08:00:0	552.0000	552.0000			0.00	-3800.00
40	005/03/24 15:00:0	559.0000	559.0000			0.00	-3800.00
41	005/03/25 08:00:0	576.0000	576.0000			0.00	-3800.00
42	005/03/25 16:00:0	584.0000	584.0000			0.00	-3800.00
43	005/03/26 08:00:0	600.0000	600.0000			0.00	-3800.00
44	005/03/26 12:00:0	604.0000	604.0000			0.00	-3800.00
45	005/03/28 08:00:0	648.0000	648.0000			0.00	-3800.00
46	005/03/28 13:00:0	653.0000	653.0000			0.00	-3800.00
47	005/03/29 08:00:0	672.0000	672.0000			0.00	-3800.00
48	005/03/29 14:36:0	678.6000	678.6000			0.00	-3800.00
49	005/03/30 08:00:0	696.0000	696.0000			0.00	-1900.00
50	005/03/30 16:00:0	704.0000	704.0000			0.00	-1900.00
51	005/03/31 08:00:0	720.0000	720.0000			0.00	-1900.00
52	005/03/31 16:00:0	728.0000	728.0000			0.00	-1900.00
53	005/04/01 08:00:0	744.0000	744.0000			0.00	-1900.00
54	005/04/01 15:00:0	751.0000	751.0000			0.00	-1900.00
55	005/04/02 08:00:0	768.0000	768.0000			0.00	-1900.00
56	005/04/02 14:30:0	774.5000	774.5000			0.00	-1900.00
57	005/04/04 08:00:0	816.0000	816.0000			0.00	-1900.00
58	005/04/04 14:36:0	822.6000	822.6000			0.00	-1900.00
59	005/04/05 08:00:0	840.0000	840.0000			0.00	-3800.00
60	005/04/05 13:00:0	845.0000	845.0000			0.00	-3800.00
61	005/04/06 08:00:0	864.0000	864.0000			0.00	-3800.00
62	005/04/06 17:00:0	873.0000	873.0000			0.00	-3800.00
63	005/04/07 08:00:0	888.0000	888.0000			0.00	-3800.00
64	005/04/07 16:00:0	896.0000	896.0000			0.00	-1900.00
65	005/04/08 08:00:0	912.0000	912.0000			0.00	-1900.00
66	005/04/08 16:00:0	920.0000	920.0000			0.00	-1900.00
67	005/04/09 08:00:0	936.0000	936.0000			0.00	-3800.00
68	005/04/09 12:00:0	940.0000	940.0000			0.00	-3800.00
69	005/04/11 08:00:0	984.0000	984.0000			0.00	-1900.00
70	005/04/11 16:00:0	992.0000	992.0000			0.00	-1900.00
71	005/04/12 08:00:0	1008.0000	1008.0000			0.00	-1900.00
72	005/04/12 16:00:0	1016.0000	1016.0000			0.00	-1900.00
73	005/04/13 08:00:0	1032.0000	1032.0000			0.00	-1900.00
74	005/04/13 16:00:0	1040.0000	1040.0000			0.00	-1900.00
75	005/04/14 08:00:0	1056.0000	1056.0000			0.00	-1900.00
76	005/04/14 13:00:0	1061.0000	1061.0000			0.00	-1900.00

Production Data

Item	Date Clock Time	Time	Cum. Time	Measured Sandface Pressure	Gas Rate	Oil Rate	Water Rate
	yyyy/mm/dd hh:mm:ss	hr	hr	psi	MMcfd	bbl/d	bbl/d
77	005/04/15 08:00:0	1080.0000	1080.0000			0.00	
78	005/04/15 10:00:0	1082.0000	1082.0000			-1900.00	0.00
79	005/04/16 08:00:0	1104.0000	1104.0000			0.00	
80	005/04/16 11:00:0	1107.0000	1107.0000			-3800.00	0.00
81	005/04/18 08:00:0	1152.0000	1152.0000			0.00	
82	005/04/18 16:00:0	1160.0000	1160.0000			-1900.00	0.00
83	005/04/19 08:00:0	1176.0000	1176.0000			0.00	
84	005/04/19 12:00:0	1180.0000	1180.0000			-1900.00	0.00
85	005/04/21 09:01:2	1225.0242	1225.0242			0.00	
86	005/04/21 10:02:5	1226.0483	1226.0483	3962.08			
87	005/04/21 10:03:0	1226.0525	1226.0525	3962.09			
88	005/04/21 10:03:2	1226.0567	1226.0567	3962.09			
89	005/04/21 10:03:3	1226.0608	1226.0608	3962.09			
90	005/04/21 10:03:5	1226.0650	1226.0650	3962.09			
91	005/04/21 10:04:0	1226.0692	1226.0692	3962.10			
92	005/04/21 10:04:2	1226.0733	1226.0733	3962.10			
93	005/04/21 10:04:3	1226.0775	1226.0775	3962.10			
94	005/04/21 10:04:5	1226.0817	1226.0817	3962.10			
95	005/04/21 10:05:0	1226.0858	1226.0858	3962.10			
96	005/04/21 10:05:2	1226.0900	1226.0900	3962.10			
97	005/04/21 10:05:3	1226.0942	1226.0942	3962.11			
98	005/04/21 10:05:5	1226.0983	1226.0983	3962.11			
99	005/04/21 10:06:0	1226.1025	1226.1025	3962.11			
100	005/04/21 10:06:2	1226.1067	1226.1067	3962.11			
101	005/04/21 10:06:3	1226.1108	1226.1108	3962.11			
102	005/04/21 10:06:5	1226.1150	1226.1150	3962.11			
103	005/04/21 10:07:0	1226.1192	1226.1192	3962.11			
104	005/04/21 10:07:2	1226.1233	1226.1233	3962.11			
105	005/04/21 10:07:3	1226.1275	1226.1275	3962.11			
106	005/04/21 10:07:5	1226.1317	1226.1317	3962.11			
107	005/04/21 10:08:0	1226.1358	1226.1358	3962.11			
108	005/04/21 10:08:2	1226.1400	1226.1400	3962.11			
109	005/04/21 10:08:3	1226.1442	1226.1442	3962.10			
110	005/04/21 10:08:5	1226.1483	1226.1483	3962.10			
111	005/04/21 10:09:0	1226.1525	1226.1525	3962.10			
112	005/04/21 10:09:2	1226.1567	1226.1567	3962.10			
113	005/04/21 10:09:3	1226.1608	1226.1608	3962.09			
114	005/04/21 10:09:5	1226.1650	1226.1650	3962.09			
115	005/04/21 10:10:0	1226.1692	1226.1692	3962.09			
116	005/04/21 10:10:2	1226.1733	1226.1733	3962.08			
117	005/04/21 10:10:3	1226.1775	1226.1775	3962.08			
118	005/04/21 10:10:5	1226.1817	1226.1817	3962.07			
119	005/04/21 10:11:0	1226.1858	1226.1858	3962.07			
120	005/04/21 10:11:2	1226.1900	1226.1900	3962.06			
121	005/04/21 10:11:3	1226.1942	1226.1942	3962.06			
122	005/04/21 10:11:5	1226.1983	1226.1983	3962.05			
123	005/04/21 10:12:0	1226.2025	1226.2025	3962.05			
124	005/04/21 10:12:2	1226.2067	1226.2067	3962.05			
125	005/04/21 10:12:3	1226.2108	1226.2108	3962.04			
126	005/04/21 10:12:5	1226.2150	1226.2150	3962.04			
127	005/04/21 10:13:0	1226.2192	1226.2192	3962.03			
128	005/04/21 10:13:2	1226.2233	1226.2233	3962.03			
129	005/04/21 10:13:3	1226.2275	1226.2275	3962.02			
130	005/04/21 10:13:5	1226.2317	1226.2317	3962.02			
131	005/04/21 10:14:0	1226.2358	1226.2358	3962.01			
132	005/04/21 10:14:2	1226.2400	1226.2400	3962.01			
133	005/04/21 10:14:3	1226.2442	1226.2442	3962.00			
134	005/04/21 10:14:5	1226.2483	1226.2483	3962.00			
135	005/04/21 10:15:0	1226.2525	1226.2525	3961.99			
136	005/04/21 10:15:2	1226.2567	1226.2567	3961.99			
137	005/04/21 10:15:3	1226.2608	1226.2608	3961.99			
138	005/04/21 10:15:5	1226.2650	1226.2650	3961.98			
139	005/04/21 10:16:0	1226.2692	1226.2692	3961.98			
140	005/04/21 10:16:2	1226.2733	1226.2733	3961.97			
141	005/04/21 10:16:3	1226.2775	1226.2775	3961.97			
142	005/04/21 10:16:5	1226.2817	1226.2817	3961.97			
143	005/04/21 10:17:0	1226.2858	1226.2858	3961.97			
144	005/04/21 10:17:2	1226.2900	1226.2900	3961.96			
145	005/04/21 10:17:3	1226.2942	1226.2942	3961.96			
146	005/04/21 10:17:5	1226.2983	1226.2983	3961.96			
147	005/04/21 10:18:0	1226.3025	1226.3025	3961.95			
148	005/04/21 10:18:2	1226.3067	1226.3067	3961.95			
149	005/04/21 10:18:3	1226.3108	1226.3108	3961.95			
150	005/04/21 10:18:5	1226.3150	1226.3150	3961.95			
151	005/04/21 10:19:0	1226.3192	1226.3192	3961.95			
152	005/04/21 10:19:2	1226.3233	1226.3233	3961.94			

Production Data

Item	Date Clock Time	Time	Cum. Time	Measured Sandface Pressure	Gas Rate	Oil Rate	Water Rate
	yyyy/mm/dd hh:mm:ss	hr	hr	psi	MMcfd	bbl/d	bbl/d
751	005/04/22 09:51:3	1249.8608	1249.8608	4247.92			
761	005/04/22 09:56:3	1249.9442	1249.9442	4249.68			
771	005/04/22 10:01:3	1250.0275	1250.0275	4251.22			
781	005/04/22 10:06:3	1250.1108	1250.1108	4252.74			
791	005/04/22 10:11:3	1250.1942	1250.1942	4254.15			
801	005/04/22 10:16:3	1250.2775	1250.2775	4255.62			
811	005/04/22 10:21:3	1250.3608	1250.3608	4256.96			
821	005/04/22 10:26:3	1250.4442	1250.4442	4258.13			
831	005/04/22 10:31:3	1250.5275	1250.5275	4259.37			
841	005/04/22 10:36:3	1250.6108	1250.6108	4260.48			
851	005/04/22 10:42:3	1250.7108	1250.7108	4261.70			
861	005/04/22 10:49:2	1250.8233	1250.8233	4262.95			
871	005/04/22 10:56:5	1250.9483	1250.9483	4264.34			
881	005/04/22 11:04:2	1251.0733	1251.0733	4265.51			
891	005/04/22 11:12:3	1251.2108	1251.2108	4266.70			
901	005/04/22 11:20:3	1251.3442	1251.3442	4267.81			
911	005/04/22 11:28:0	1251.4692	1251.4692	4268.94			
921	005/04/22 11:35:3	1251.5942	1251.5942	4270.05			
931	005/04/22 11:45:5	1251.7650	1251.7650	4271.20			
941	005/04/22 11:55:0	1251.9192	1251.9192	4272.32			
951	005/04/22 12:05:0	1252.0858	1252.0858	4273.45			
961	005/04/22 12:15:0	1252.2525	1252.2525	4274.59			
971	005/04/22 12:25:5	1252.4317	1252.4317	4275.71			
981	005/04/22 12:38:0	1252.6358	1252.6358	4276.85			
991	005/04/22 12:50:2	1252.8400	1252.8400	4277.99			
1001	005/04/22 13:04:5	1253.0817	1253.0817	4279.12			
1011	005/04/22 13:19:5	1253.3317	1253.3317	4280.22			
1021	005/04/22 13:35:0	1253.5858	1253.5858	4281.32			
1031	005/04/22 13:49:5	1253.8317	1253.8317	4282.41			
1041	005/04/22 14:04:5	1254.0817	1254.0817	4283.52			
1051	005/04/22 14:20:3	1254.3442	1254.3442	4284.58			
1061	005/04/22 14:37:0	1254.6192	1254.6192	4285.68			
1071	005/04/22 14:53:5	1254.8983	1254.8983	4286.77			
1081	005/04/22 15:09:2	1255.1567	1255.1567	4287.87			
1091	005/04/22 15:27:0	1255.4525	1255.4525	4288.94			
1101	005/04/22 15:46:3	1255.7775	1255.7775	4290.00			
1111	005/04/22 16:05:0	1256.0858	1256.0858	4291.07			
1121	005/04/22 16:24:3	1256.4108	1256.4108	4292.14			
1131	005/04/22 16:43:3	1256.7275	1256.7275	4293.18			
1141	005/04/22 17:00:5	1257.0150	1257.0150	4294.23			
1151	005/04/22 17:24:3	1257.4108	1257.4108	4295.28			
1161	005/04/22 17:47:5	1257.7983	1257.7983	4296.34			
1171	005/04/22 18:10:2	1258.1733	1258.1733	4297.42			
1181	005/04/22 18:35:0	1258.5858	1258.5858	4298.48			
1191	005/04/22 19:01:5	1259.0317	1259.0317	4299.54			
1201	005/04/22 19:30:5	1259.5150	1259.5150	4300.59			
1211	005/04/22 19:57:3	1259.9608	1259.9608	4301.63			
1221	005/04/22 20:24:5	1260.4150	1260.4150	4302.70			
1231	005/04/22 20:50:1	1260.8381	1260.8381	4303.73			
1241	005/04/22 21:20:2	1261.3394	1261.3394	4304.75			
1251	005/04/22 21:50:0	1261.8353	1261.8353	4305.77			
1261	005/04/22 22:19:3	1262.3256	1262.3256	4306.78			
1271	005/04/22 22:45:2	1262.7575	1262.7575	4307.80			
1281	005/04/22 23:13:3	1263.2269	1263.2269	4308.82			
1291	005/04/22 23:40:5	1263.6811	1263.6811	4309.83			
1301	005/04/23 00:09:0	1264.1519	1264.1519	4310.86			
1311	005/04/23 00:36:0	1264.6019	1264.6019	4311.87			
1321	005/04/23 00:55:3	1264.9256	1264.9256	4312.89			
1331	005/04/23 01:17:5	1265.2978	1265.2978	4313.92			
1341	005/04/23 01:34:3	1265.5769	1265.5769	4314.95			
1351	005/04/23 01:50:3	1265.8436	1265.8436	4315.98			
1361	005/04/23 02:06:4	1266.1131	1266.1131	4317.00			
1371	005/04/23 02:21:0	1266.3519	1266.3519	4318.03			
1381	005/04/23 02:35:3	1266.5936	1266.5936	4319.07			
1391	005/04/23 02:51:1	1266.8533	1266.8533	4320.10			
1401	005/04/23 03:06:3	1267.1089	1267.1089	4321.12			
1411	005/04/23 03:23:2	1267.3894	1267.3894	4322.16			
1421	005/04/23 03:40:1	1267.6700	1267.6700	4323.18			
1431	005/04/23 03:59:0	1267.9839	1267.9839	4324.20			
1441	005/04/23 04:17:1	1268.2867	1268.2867	4325.23			
1451	005/04/23 04:37:2	1268.6242	1268.6242	4326.25			
1461	005/04/23 04:56:2	1268.9394	1268.9394	4327.28			
1471	005/04/23 05:16:4	1269.2797	1269.2797	4328.31			
1481	005/04/23 05:35:5	1269.5992	1269.5992	4329.32			
1491	005/04/23 05:55:5	1269.9311	1269.9311	4330.35			

Production Data

Item	Date Clock Time	Time	Cum. Time	Measured Sandface Pressure	Gas Rate	Oil Rate	Water Rate
	yyyy/mm/dd hh:mm:ss	hr	hr	psi	MMcf/d	bbl/d	bbl/d
1501	005/04/23 06:15:3	1270.2603	1270.2603	4331.38			
1511	005/04/23 06:38:3	1270.6436	1270.6436	4332.40			
1521	005/04/23 06:59:4	1270.9950	1270.9950	4333.42			
1531	005/04/23 07:21:3	1271.3589	1271.3589	4334.45			
1541	005/04/23 07:44:1	1271.7381	1271.7381	4335.46			
1551	005/04/23 08:05:0	1272.0853	1272.0853	4336.26			
1561	005/04/23 08:06:0	1272.1006	1272.1006	4313.35			
1571	005/04/23 08:06:5	1272.1144	1272.1144	4309.26			
1581	005/04/23 08:07:4	1272.1283	1272.1283	4306.01			
1591	005/04/23 08:08:3	1272.1422	1272.1422	4303.20			
1601	005/04/23 08:09:2	1272.1561	1272.1561	4300.66			
1611	005/04/23 08:10:1	1272.1700	1272.1700	4298.33			
1621	005/04/23 08:11:0	1272.1839	1272.1839	4296.18			
1631	005/04/23 08:11:5	1272.1978	1272.1978	4294.11			
1641	005/04/23 08:12:4	1272.2117	1272.2117	4292.18			
1651	005/04/23 08:13:3	1272.2256	1272.2256	4290.35			
1661	005/04/23 08:14:2	1272.2394	1272.2394	4288.60			
1671	005/04/23 08:15:1	1272.2533	1272.2533	4286.94			
1681	005/04/23 08:16:0	1272.2672	1272.2672	4285.31			
1691	005/04/23 08:16:5	1272.2811	1272.2811	4283.75			
1701	005/04/23 08:17:4	1272.2950	1272.2950	4282.26			
1711	005/04/23 08:18:3	1272.3089	1272.3089	4280.81			
1721	005/04/23 08:19:2	1272.3228	1272.3228	4279.40			
1731	005/04/23 08:20:1	1272.3367	1272.3367	4278.04			
1741	005/04/23 08:21:0	1272.3506	1272.3506	4276.74			
1751	005/04/23 08:21:5	1272.3644	1272.3644	4275.44			
1761	005/04/23 08:22:4	1272.3783	1272.3783	4274.23			
1771	005/04/23 08:23:3	1272.3936	1272.3936	4272.93			
1781	005/04/23 08:24:3	1272.4089	1272.4089	4271.69			
1791	005/04/23 08:25:3	1272.4269	1272.4269	4270.31			
1801	005/04/23 08:26:5	1272.4492	1272.4492	4268.73			
1811	005/04/23 08:28:3	1272.4756	1272.4756	4267.01			
1821	005/04/23 08:30:1	1272.5033	1272.5033	4265.36			
1831	005/04/23 08:31:5	1272.5311	1272.5311	4263.89			
1841	005/04/23 08:33:3	1272.5589	1272.5589	4262.50			
1851	005/04/23 08:35:1	1272.5867	1272.5867	4261.22			
1861	005/04/23 08:36:5	1272.6144	1272.6144	4260.03			
1871	005/04/23 08:38:3	1272.6422	1272.6422	4258.92			
1881	005/04/23 08:40:1	1272.6700	1272.6700	4257.88			
1891	005/04/23 08:42:2	1272.7075	1272.7075	4256.56			
1901	005/04/23 08:44:5	1272.7492	1272.7492	4255.22			
1911	005/04/23 08:47:2	1272.7908	1272.7908	4253.96			
1921	005/04/23 08:49:5	1272.8325	1272.8325	4252.77			
1931	005/04/23 08:52:2	1272.8742	1272.8742	4251.65			
1941	005/04/23 08:55:0	1272.9186	1272.9186	4250.55			
1951	005/04/23 08:58:2	1272.9728	1272.9728	4249.31			
1961	005/04/23 09:01:4	1273.0283	1273.0283	4248.08			
1971	005/04/23 09:04:5	1273.0811	1273.0811	4246.84			
1981	005/04/23 09:08:0	1273.1353	1273.1353	4245.61			
1991	005/04/23 09:11:2	1273.1908	1273.1908	4244.38			
2001	005/04/23 09:14:4	1273.2464	1273.2464	4243.15			
2011	005/04/23 09:18:0	1273.3019	1273.3019	4241.98			
2021	005/04/23 09:21:2	1273.3575	1273.3575	4240.84			
2031	005/04/23 09:24:4	1273.4131	1273.4131	4239.70			
2041	005/04/23 09:28:0	1273.4686	1273.4686	4238.60			
2051	005/04/23 09:31:2	1273.5242	1273.5242	4237.50			
2061	005/04/23 09:34:5	1273.5811	1273.5811	4236.42			
2071	005/04/23 09:38:2	1273.6394	1273.6394	4235.32			
2081	005/04/23 09:41:4	1273.6964	1273.6964	4234.26			
2091	005/04/23 09:45:3	1273.7603	1273.7603	4233.12			
2101	005/04/23 09:49:3	1273.8269	1273.8269	4231.94			
2111	005/04/23 09:53:3	1273.8936	1273.8936	4230.77			
2121	005/04/23 09:57:4	1273.9631	1273.9631	4229.61			
2131	005/04/23 10:01:5	1274.0325	1274.0325	4228.46			
2141	005/04/23 10:06:0	1274.1019	1274.1019	4227.34			
2151	005/04/23 10:10:1	1274.1714	1274.1714	4226.22			
2161	005/04/23 10:14:2	1274.2408	1274.2408	4225.13			
2171	005/04/23 10:18:3	1274.3103	1274.3103	4224.06			
2181	005/04/23 10:22:4	1274.3797	1274.3797	4223.00			
2191	005/04/23 10:27:0	1274.4506	1274.4506	4221.93			
2201	005/04/23 10:31:1	1274.5214	1274.5214	4220.87			
2211	005/04/23 10:35:3	1274.5936	1274.5936	4219.79			
2221	005/04/23 10:40:1	1274.6700	1274.6700	4218.68			
2231	005/04/23 10:44:3	1274.7422	1274.7422	4217.63			
2241	005/04/23 10:49:0	1274.8186	1274.8186	4216.53			

Production Data

Item	Date Clock Time	Time	Cum. Time	Measured Sandface Pressure	Gas Rate	Oil Rate	Water Rate
	yyyy/mm/dd hh:mm:ss	hr	hr	psi	MMcfd	bbl/d	bbl/d
2251	005/04/23 10:53:4	1274.8950	1274.8950	4215.43			
2261	005/04/23 10:58:2	1274.9728	1274.9728	4214.32			
2271	005/04/23 11:02:5	1275.0478	1275.0478	4213.22			
2281	005/04/23 11:07:1	1275.1200	1275.1200	4212.16			
2291	005/04/23 11:11:3	1275.1922	1275.1922	4211.10			
2301	005/04/23 11:15:4	1275.2631	1275.2631	4210.04			
2311	005/04/23 11:20:0	1275.3353	1275.3353	4208.97			
2321	005/04/23 11:24:3	1275.4089	1275.4089	4207.88			
2331	005/04/23 11:28:5	1275.4811	1275.4811	4206.82			
2341	005/04/23 11:33:1	1275.5533	1275.5533	4205.73			
2351	005/04/23 11:37:4	1275.6283	1275.6283	4204.64			
2361	005/04/23 11:42:0	1275.7006	1275.7006	4203.57			
2371	005/04/23 11:46:2	1275.7728	1275.7728	4202.51			
2381	005/04/23 11:50:5	1275.8492	1275.8492	4201.39			
2391	005/04/23 11:55:3	1275.9269	1275.9269	4200.28			
2401	005/04/23 12:00:2	1276.0061	1276.0061	4199.15			
2411	005/04/23 12:04:5	1276.0811	1276.0811	4198.09			
2421	005/04/23 12:09:3	1276.1603	1276.1603	4196.96			
2431	005/04/23 12:14:2	1276.2408	1276.2408	4195.84			
2441	005/04/23 12:19:2	1276.3242	1276.3242	4194.70			
2451	005/04/23 12:24:2	1276.4061	1276.4061	4193.59			
2461	005/04/23 12:29:1	1276.4881	1276.4881	4192.49			
2471	005/04/23 12:34:1	1276.5714	1276.5714	4191.39			
2481	005/04/23 12:39:1	1276.6547	1276.6547	4190.32			
2491	005/04/23 12:44:2	1276.7408	1276.7408	4189.24			
2501	005/04/23 12:49:4	1276.8283	1276.8283	4188.15			
2511	005/04/23 12:54:5	1276.9144	1276.9144	4187.11			
2521	005/04/23 13:00:2	1277.0061	1277.0061	4186.02			
2531	005/04/23 13:06:0	1277.1006	1277.1006	4184.91			
2541	005/04/23 13:11:3	1277.1936	1277.1936	4183.82			
2551	005/04/23 13:17:1	1277.2881	1277.2881	4182.75			
2561	005/04/23 13:23:0	1277.3839	1277.3839	4181.65			
2571	005/04/23 13:28:4	1277.4797	1277.4797	4180.55			
2581	005/04/23 13:34:3	1277.5756	1277.5756	4179.49			
2591	005/04/23 13:40:2	1277.6742	1277.6742	4178.40			
2601	005/04/23 13:46:3	1277.7769	1277.7769	4177.33			
2611	005/04/23 13:52:4	1277.8783	1277.8783	4176.27			
2621	005/04/23 13:58:4	1277.9797	1277.9797	4175.19			
2631	005/04/23 14:04:4	1278.0797	1278.0797	4174.12			
2641	005/04/23 14:10:4	1278.1797	1278.1797	4173.04			
2651	005/04/23 14:16:1	1278.2797	1278.2797	4171.98			
2661	005/04/23 14:23:0	1278.3839	1278.3839	4170.89			
2671	005/04/23 14:29:0	1278.4853	1278.4853	4169.83			
2681	005/04/23 14:35:1	1278.5867	1278.5867	4168.78			
2691	005/04/23 14:41:2	1278.6894	1278.6894	4167.72			
2701	005/04/23 14:47:4	1278.7950	1278.7950	4166.64			
2711	005/04/23 14:53:5	1278.8992	1278.8992	4165.59			
2721	005/04/23 15:00:2	1279.0061	1279.0061	4164.51			
2731	005/04/23 15:06:4	1279.1131	1279.1131	4163.41			
2741	005/04/23 15:13:0	1279.2186	1279.2186	4162.35			
2751	005/04/23 15:19:4	1279.3283	1279.3283	4161.27			
2761	005/04/23 15:26:2	1279.4394	1279.4394	4160.20			
2771	005/04/23 15:32:5	1279.5478	1279.5478	4159.14			
2781	005/04/23 15:39:2	1279.6575	1279.6575	4158.07			
2791	005/04/23 15:46:1	1279.7700	1279.7700	4157.02			
2801	005/04/23 15:53:0	1279.8853	1279.8853	4155.94			
2811	005/04/23 15:59:4	1279.9964	1279.9964	4154.89			
2821	005/04/23 16:06:4	1280.1117	1280.1117	4153.79			
2831	005/04/23 16:13:3	1280.2256	1280.2256	4152.74			
2841	005/04/23 16:20:3	1280.3422	1280.3422	4151.65			
2851	005/04/23 16:27:2	1280.4575	1280.4575	4150.59			
2861	005/04/23 16:34:2	1280.5728	1280.5728	4149.54			
2871	005/04/23 16:41:2	1280.6908	1280.6908	4148.47			
2881	005/04/23 16:48:4	1280.8131	1280.8131	4147.38			
2891	005/04/23 16:55:5	1280.9311	1280.9311	4146.33			
2901	005/04/23 17:03:0	1281.0519	1281.0519	4145.29			
2911	005/04/23 17:10:2	1281.1742	1281.1742	4144.24			
2921	005/04/23 17:17:5	1281.2978	1281.2978	4143.18			
2931	005/04/23 17:25:1	1281.4214	1281.4214	4142.12			
2941	005/04/23 17:33:0	1281.5519	1281.5519	4141.05			
2951	005/04/23 17:40:4	1281.6797	1281.6797	4139.99			
2961	005/04/23 17:48:3	1281.8103	1281.8103	4138.93			
2971	005/04/23 17:56:2	1281.9408	1281.9408	4137.87			
2981	005/04/23 18:00:5	1282.0144	1282.0144	4137.29			
2991	005/04/23 18:08:4	1282.1464	1282.1464	4136.24			

Production Data

Item	Date Clock Time	Time	Cum. Time	Measured Sandface Pressure	Gas Rate	Oil Rate	Water Rate
	yyyy/mm/dd hh:mm:ss	hr	hr	psi	MMcf/d	bbl/d	bbl/d
3001	005/04/23 18:17:0	1282.2839	1282.2839	4135.17			
3011	005/04/23 18:25:1	1282.4200	1282.4200	4134.11			
3021	005/04/23 18:33:2	1282.5575	1282.5575	4133.04			
3031	005/04/23 18:41:5	1282.6978	1282.6978	4131.98			
3041	005/04/23 18:50:2	1282.8408	1282.8408	4130.91			
3051	005/04/23 18:59:0	1282.9853	1282.9853	4129.86			
3061	005/04/23 19:07:4	1283.1297	1283.1297	4128.80			
3071	005/04/23 19:16:3	1283.2769	1283.2769	4127.75			
3081	005/04/23 19:25:2	1283.4242	1283.4242	4126.70			
3091	005/04/23 19:34:2	1283.5728	1283.5728	4125.66			
3101	005/04/23 19:43:3	1283.7256	1283.7256	4124.61			
3111	005/04/23 19:52:5	1283.8811	1283.8811	4123.56			
3121	005/04/23 20:02:2	1284.0394	1284.0394	4122.50			
3131	005/04/23 20:11:4	1284.1964	1284.1964	4121.46			
3141	005/04/23 20:21:1	1284.3547	1284.3547	4120.40			
3151	005/04/23 20:31:1	1284.5200	1284.5200	4119.34			
3161	005/04/23 20:41:0	1284.6853	1284.6853	4118.30			
3171	005/04/23 20:51:1	1284.8533	1284.8533	4117.25			
3181	005/04/23 21:01:1	1285.0214	1285.0214	4116.20			
3191	005/04/23 21:11:3	1285.1922	1285.1922	4115.16			
3201	005/04/23 21:21:5	1285.3644	1285.3644	4114.12			
3211	005/04/23 21:32:1	1285.5381	1285.5381	4113.09			
3221	005/04/23 21:43:0	1285.7186	1285.7186	4112.05			
3231	005/04/23 21:53:5	1285.8978	1285.8978	4111.01			
3241	005/04/23 22:04:4	1286.0797	1286.0797	4109.96			
3251	005/04/23 22:16:0	1286.2672	1286.2672	4108.91			
3261	005/04/23 22:27:2	1286.4561	1286.4561	4107.87			
3271	005/04/23 22:38:4	1286.6450	1286.6450	4106.83			
3281	005/04/23 22:50:3	1286.8436	1286.8436	4105.78			
3291	005/04/23 23:01:5	1287.0325	1287.0325	4104.74			
3301	005/04/23 23:13:4	1287.2297	1287.2297	4103.71			
3311	005/04/23 23:25:3	1287.4256	1287.4256	4102.68			
3321	005/04/23 23:37:4	1287.6297	1287.6297	4101.64			
3331	005/04/23 23:50:1	1287.8367	1287.8367	4100.60			
3341	005/04/24 00:02:4	1288.0464	1288.0464	4099.56			
3351	005/04/24 00:15:2	1288.2561	1288.2561	4098.54			
3361	005/04/24 00:28:2	1288.4728	1288.4728	4097.50			
3371	005/04/24 00:41:2	1288.6894	1288.6894	4096.46			
3381	005/04/24 00:54:3	1288.9089	1288.9089	4095.43			
3391	005/04/24 01:07:5	1289.1311	1289.1311	4094.39			
3401	005/04/24 01:21:2	1289.3561	1289.3561	4093.36			
3411	005/04/24 01:35:2	1289.5894	1289.5894	4092.32			
3421	005/04/24 01:49:2	1289.8228	1289.8228	4091.28			
3431	005/04/24 02:03:4	1290.0617	1290.0617	4090.24			
3441	005/04/24 02:17:5	1290.2978	1290.2978	4089.22			
3451	005/04/24 02:32:2	1290.5408	1290.5408	4088.18			
3461	005/04/24 02:47:2	1290.7894	1290.7894	4087.14			
3471	005/04/24 03:02:1	1291.0367	1291.0367	4086.11			
3481	005/04/24 03:17:2	1291.2894	1291.2894	4085.08			
3491	005/04/24 03:32:3	1291.5436	1291.5436	4084.04			
3501	005/04/24 03:48:1	1291.8047	1291.8047	4083.01			
3511	005/04/24 04:04:0	1292.0686	1292.0686	4081.96			
3521	005/04/24 04:20:0	1292.3353	1292.3353	4080.94			
3531	005/04/24 04:36:0	1292.6006	1292.6006	4079.91			
3541	005/04/24 04:52:2	1292.8742	1292.8742	4078.87			
3551	005/04/24 05:09:0	1293.1506	1293.1506	4077.84			
3561	005/04/24 05:25:5	1293.4325	1293.4325	4076.81			
3571	005/04/24 05:42:5	1293.7144	1293.7144	4075.78			
3581	005/04/24 06:00:1	1294.0047	1294.0047	4074.75			
3591	005/04/24 06:18:0	1294.3019	1294.3019	4073.72			
3601	005/04/24 06:35:4	1294.5950	1294.5950	4072.69			
3611	005/04/24 06:53:2	1294.8894	1294.8894	4071.66			
3621	005/04/24 07:11:2	1295.1894	1295.1894	4070.62			
3631	005/04/24 07:29:1	1295.4881	1295.4881	4069.60			
3641	005/04/24 07:47:4	1295.7964	1295.7964	4068.58			
3651	005/04/24 08:06:1	1296.1047	1296.1047	4067.55			
3661	005/04/24 08:24:5	1296.4158	1296.4158	4066.54			
3671	005/04/24 08:44:2	1296.7403	1296.7403	4065.50			
3681	005/04/24 09:04:2	1297.0736	1297.0736	4064.44			
3691	005/04/24 09:24:0	1297.4014	1297.4014	4063.40			
3701	005/04/24 09:43:3	1297.7264	1297.7264	4062.37			
3711	005/04/24 10:03:2	1298.0569	1298.0569	4061.33			
3721	005/04/24 10:23:4	1298.3958	1298.3958	4060.28			
3731	005/04/24 10:44:0	1298.7347	1298.7347	4059.25			
3741	005/04/24 11:04:3	1299.0764	1299.0764	4058.21			

Production Data

Item	Date Clock Time	Time	Cum. Time	Measured Sandface Pressure	Gas Rate	Oil Rate	Water Rate
	yyyy/mm/dd hh:mm:ss	hr	hr	psi	MMcfd	bbl/d	bbl/d
3751	005/04/24 11:25:4	1299.4292	1299.4292	4057.17			
3761	005/04/24 11:46:5	1299.7819	1299.7819	4056.14			
3771	005/04/24 12:08:3	1300.1431	1300.1431	4055.10			
3781	005/04/24 12:30:4	1300.5125	1300.5125	4054.06			
3791	005/04/24 12:53:0	1300.8847	1300.8847	4053.03			
3801	005/04/24 13:16:3	1301.2764	1301.2764	4051.98			
3811	005/04/24 13:40:3	1301.6764	1301.6764	4050.93			
3821	005/04/24 14:04:6	1302.0819	1302.0819	4049.90			
3831	005/04/24 14:29:1	1302.4903	1302.4903	4048.85			
3841	005/04/24 14:54:3	1302.9097	1302.9097	4047.81			
3851	005/04/24 15:20:1	1303.3375	1303.3375	4046.78			
3861	005/04/24 15:45:2	1303.7569	1303.7569	4045.74			
3871	005/04/24 16:11:2	1304.1903	1304.1903	4044.70			
3881	005/04/24 16:37:6	1304.6319	1304.6319	4043.67			
3891	005/04/24 17:05:1	1305.0875	1305.0875	4042.63			
3901	005/04/24 17:32:2	1305.5403	1305.5403	4041.60			
3911	005/04/24 18:00:0	1306.0014	1306.0014	4040.56			
3921	005/04/24 18:28:3	1306.4764	1306.4764	4039.52			
3931	005/04/24 18:56:3	1306.9431	1306.9431	4038.50			
3941	005/04/24 19:24:6	1307.4153	1307.4153	4037.47			
3951	005/04/24 19:53:2	1307.8903	1307.8903	4036.43			
3961	005/04/24 20:22:1	1308.3708	1308.3708	4035.40			
3971	005/04/24 20:51:2	1308.8569	1308.8569	4034.37			
3981	005/04/24 21:21:2	1309.3569	1309.3569	4033.34			
3991	005/04/24 21:51:4	1309.8625	1309.8625	4032.32			
4001	005/04/24 22:22:0	1310.3681	1310.3681	4031.29			
4011	005/04/24 22:52:1	1310.8708	1310.8708	4030.27			
4021	005/04/24 23:23:1	1311.3875	1311.3875	4029.24			
4031	005/04/24 23:55:0	1311.9181	1311.9181	4028.21			
4041	005/04/25 00:27:0	1312.4514	1312.4514	4027.18			
4051	005/04/25 00:59:5	1312.9986	1312.9986	4026.15			
4061	005/04/25 01:32:4	1313.5458	1313.5458	4025.12			
4071	005/04/25 02:06:4	1314.1125	1314.1125	4024.09			
4081	005/04/25 02:41:5	1314.6986	1314.6986	4023.06			
4091	005/04/25 03:18:2	1315.3069	1315.3069	4022.03			
4101	005/04/25 03:56:4	1315.9458	1315.9458	4021.01			
4111	005/04/25 04:37:1	1316.6208	1316.6208	4019.98			
4121	005/04/25 05:17:5	1317.2986	1317.2986	4018.96			
4131	005/04/25 05:54:1	1317.9042	1317.9042	4017.94			
4141	005/04/25 06:33:5	1318.5653	1318.5653	4016.90			
4151	005/04/25 07:12:1	1319.2042	1319.2042	4015.88			
4161	005/04/25 07:54:0	1319.9014	1319.9014	4014.86			
4171	005/04/25 08:32:3	1320.5431	1320.5431	4013.83			
4181	005/04/25 09:17:3	1321.2942	1321.2942	4012.77			
4191	005/04/25 10:00:3	1322.0108	1322.0108	4011.71			
4201	005/04/25 10:40:3	1322.6775	1322.6775	4010.67			
4211	005/04/25 11:21:3	1323.3608	1323.3608	4009.62			
4221	005/04/25 12:02:3	1324.0442	1324.0442	4008.55			
4231	005/04/25 12:45:0	1324.7525	1324.7525	4007.51			
4241	005/04/25 13:29:0	1325.4858	1325.4858	4006.44			
4251	005/04/25 14:14:3	1326.2442	1326.2442	4005.38			
4261	005/04/25 15:02:0	1327.0358	1327.0358	4004.31			
4271	005/04/25 15:49:0	1327.8192	1327.8192	4003.25			
4281	005/04/25 16:38:3	1328.6442	1328.6442	4002.21			
4291	005/04/25 17:31:0	1329.5192	1329.5192	4001.14			
4301	005/04/25 18:23:0	1330.3858	1330.3858	4000.08			
4311	005/04/25 19:17:3	1331.2942	1331.2942	3999.04			
4321	005/04/25 20:12:0	1332.2025	1332.2025	3997.99			
4331	005/04/25 21:07:0	1333.1192	1333.1192	3996.95			
4341	005/04/25 22:01:3	1334.0275	1334.0275	3995.90			
4351	005/04/25 22:54:3	1334.9108	1334.9108	3994.85			
4361	005/04/25 23:47:0	1335.7858	1335.7858	3993.80			
4371	005/04/26 00:40:3	1336.6775	1336.6775	3992.75			
4381	005/04/26 01:34:3	1337.5775	1337.5775	3991.70			
4391	005/04/26 02:29:3	1338.4942	1338.4942	3990.64			
4401	005/04/26 03:26:0	1339.4358	1339.4358	3989.60			
4411	005/04/26 04:25:0	1340.4192	1340.4192	3988.54			
4421	005/04/26 05:26:0	1341.4192	1341.4192	3987.49			
4431	005/04/26 06:27:0	1342.4525	1342.4525	3986.45			
4441	005/04/26 07:29:0	1343.4858	1343.4858	3985.41			
4451	005/04/26 08:29:3	1344.4942	1344.4942	3984.38			
4461	005/04/26 09:30:0	1345.5025	1345.5025	3983.33			
4471	005/04/26 10:31:3	1346.5275	1346.5275	3982.30			
4481	005/04/26 11:31:3	1347.5275	1347.5275	3981.25			
4491	005/04/26 12:35:0	1348.5858	1348.5858	3980.20			

Production Data

Item	Date Clock Time	Time	Cum. Time	Measured Sandface Pressure	Gas Rate	Oil Rate	Water Rate
	yyyy/mm/dd hh:mm:ss	hr	hr	psi	MMcf/d	bbl/d	bbl/d
4501	005/04/26 13:38:3	1349.6442	1349.6442	3979.16			
4511	005/04/26 14:45:3	1350.7608	1350.7608	3978.12			
4521	005/04/26 15:54:3	1351.9108	1351.9108	3977.07			
4531	005/04/26 17:08:0	1353.1358	1353.1358	3976.02			
4541	005/04/26 18:23:3	1354.3942	1354.3942	3974.98			
4551	005/04/26 19:41:3	1355.6942	1355.6942	3973.96			
4561	005/04/26 21:01:3	1357.0275	1357.0275	3972.93			
4571	005/04/26 22:17:0	1358.2858	1358.2858	3971.88			
4581	005/04/26 23:31:3	1359.5275	1359.5275	3970.85			
4591	005/04/27 00:45:3	1360.7608	1360.7608	3969.82			
4601	005/04/27 01:59:3	1361.9942	1361.9942	3968.79			
4611	005/04/27 03:14:3	1363.2442	1363.2442	3967.75			
4621	005/04/27 04:33:3	1364.5608	1364.5608	3966.72			
4631	005/04/27 05:55:0	1365.9192	1365.9192	3965.68			
4641	005/04/27 07:19:0	1367.3192	1367.3192	3964.65			
4651	005/04/27 08:40:1	1368.6708	1368.6708	3963.61			
4661	005/04/27 09:49:4	1369.8292	1369.8292	3962.60			
4671	005/04/27 11:06:5	1371.1153	1371.1153	3961.58			
4681	005/04/27 12:24:5	1372.4153	1372.4153	3960.57			
4691	005/04/27 13:45:3	1373.7597	1373.7597	3959.55			
4701	005/04/27 15:07:4	1375.1292	1375.1292	3958.53			
4711	005/04/27 16:32:4	1376.5458	1376.5458	3957.52			
4721	005/04/27 18:05:1	1378.0875	1378.0875	3956.51			
4731	005/04/27 19:39:4	1379.6625	1379.6625	3955.49			
4741	005/04/27 21:16:0	1381.2681	1381.2681	3954.48			
4751	005/04/27 22:50:2	1382.8403	1382.8403	3953.47			
4761	005/04/28 00:21:5	1384.3653	1384.3653	3952.45			
4771	005/04/28 01:53:4	1385.8958	1385.8958	3951.44			
4781	005/04/28 03:25:3	1387.4264	1387.4264	3950.43			
4791	005/04/28 05:00:1	1389.0042	1389.0042	3949.42			
4801	005/04/28 06:38:3	1390.6431	1390.6431	3948.41			
4811	005/04/28 08:09:1	1392.1542	1392.1542	3947.49			
4821	005/04/28 08:10:5	1392.1819	1392.1819	3947.47			
4831	005/04/28 08:12:3	1392.2097	1392.2097	3947.46			
4841	005/04/28 08:14:1	1392.2375	1392.2375	3947.44			
4851	005/04/28 08:15:5	1392.2653	1392.2653	3947.42			
4861	005/04/28 08:17:3	1392.2931	1392.2931	3947.41			
4869	005/04/28 08:18:5	1392.3153	1392.3153	3947.39			



KPK
Suckla Farms Inj.#1
SE NW 10-1N-67W
Extended
2005-04-21 to 2005-04-27



COMPANY: KPK
ADDRESS: c/o Lightning Wireline 405 Main St. Platteville, CO
WELL NAME: Suckla Farms Inj.#1
LOCATION: SE NW 10-1N-67W
FIELD - POOL: Wattenberg - Lyons
STATUS: N/A
ORIENTATION: Vertical

TEST INFORMATION:

TEST TYPE: Extended
DATE OF TEST: 2005-04-21 to 2005-04-27
SHUT IN DATE: 2005-04-22 07:03:00
ON BOTTOM: 2005-04-21 08:25:00
OFF BOTTOM: 2005-04-27 07:53:00
PRODUCTION INTERVAL: 9276.0 - 9418.0 ft
MID POINT PERFS.: 9347.0 ft
TUBING PRESSURE: BEFORE: N/A AFTER: N/A
CASING PRESSURE: BEFORE: N/A AFTER: N/A

GAUGE DATA:

	<u>TOP:</u>	<u>BOTTOM:</u>
GAUGE TYPE:	Well Watcher Strain	Well Watcher Strain
SERIAL NUMBER:	5337	5340
RUN DEPTH:	9036.5 ft	9037.0 ft
BATTERY ON TIME:	2005-04-21 07:33:00	2005-04-21 07:33:00
BATTERY OFF TIME:	2005-04-27 08:31:00	2005-04-27 08:31:00
CALIBRATION DATE:	2003-12-16	2003-12-16
PRESSURE RANGE:	5000 psi	5000 psi
ACCURACY:	0.05%	0.05%
RESOLUTION:	0.0003%	0.0003%

REMARKS:

THIS REPORT HAS BEEN PREPARED FOR YOU BY, ALEAH WILLIAMS.
PLEASE CALL ME AT {403}347-9727, IF YOU HAVE ANY QUESTIONS OR COMMENTS. THANK YOU.

KPK
SE NW Sec. 10 1N 67W
Start Test Date: 2005/04/21
Final Test Date: 2005/04/27

Suckla Farms Inj. #1
Formation: Lyons
Pool: Lyons

Suckla Farms Inj. #1

